Reply on RC2

Chahan M. Kropf et al.

Author comment on "Uncertainty and sensitivity analysis for probabilistic weather and climate-risk modelling: an implementation in CLIMADA v.3.1.0" by Chahan M. Kropf et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-437-AC3, 2022

Publisher's note: the supplement to this comment was edited on 27 July 2022. The adjustments were minor without effect on the scientific meaning.

>> In their manuscript "Uncertainty and sensitivity analysis for probabilistic weather and climate risk modeling: an implementation in CLIMADA v.3.1.0", Kropf et al present a new module to the climate risk modeling platform CLIMADA. This module is designed specifically to calculate global-scale uncertainty and sensitivity analyses related to various natural hazards and impacts. I can foresee that this new functionality will be of interest to a broad range of CLIMADA and catastrophe model users, and that this new feature will be on the forefront of (academic) risk modeling for the next years to come. I therefore recommend publication of this article after some minor comments have been addressed, see below.

-- Thank you very much for the excellent review and the positive feedback! In the attached .pdf we reply directly to the improvement suggestions and general comments.

>> Referee comments

-- Authors replies

Please also note the supplement to this comment:
https://gmd.copernicus.org/preprints/gmd-2021-437/gmd-2021-437-AC3-supplement.pdf